

SPA 100, N.

Progress in the utilization of chemical fertilizers. p. 256

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 5, May 1959.

Monthly List of East European Accessions. (SPAI), LC. Vol. 8, no. 9, ^{Sept.} 1959.
Uncl.

STANCU, Marin [Stancu, Marin), inzh.-agronom

Agricultural achievements of the Rumanian People's Republic in
15 years. Zemledelie 8 no.1:93-96 Ja 60. (MIRA 13:4)

1. Zamestitel' ministra sel'skogo i lesnogo khozyaystva Rumynskoy
Narodnoy Respubliki.
(Rumania--Agriculture)

STANKU, Nikolaye [Stancu, N.], inzh.

Woodpulp and paper industry of the Rumanian People's Republic.
Bum. prom. 36 no.12:25-26 D '61. (MIRA 15:1)
(Rumania—Paper industry)

BURLACU, G.; [Burlacu, G.]; MATHEI-VILDESCU, K. [Matol-Vladescu, G.]
APOSTOL, G.; STANCU, S. [Stancu, S.].

Effect of insulin on the energetic exchange and specific
dynamic action of food at the birds. Rev biol 8 no.2:213-228
'63.

1. Institut biologiei im. Tr. Sevulescu [Traian Savulescu]
Akademii RNR, Laboratoriya Fiziologii zhivotnykh.

STANCU, T.; POPESCU, E.

Combating erosion in vineyards by agrotechnical measures in the Dragasani
Experimental Viticultural Station in the region of Pitesti. p. 1503.
Academia Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 5,
no. 10, Oct. 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5,
no. 9, Sept. 1955

SPALCU, V.
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: -Architect-

Affiliation: -not given-

Source: Bucharest, Stiinta si Tehnica, No 7, Jul 1961, pp 10-11.

Data: "The City on the Foothills of the Timpa."

R/002/61/000/003/003/004
D216/D301

26.235P

AUTHOR: Stancu, Vasile, Engineer

TITLE: At one-millionth of a mm Hg

PERIODICAL: Știința și tehnica, no. 3, 1961, 20-21

TEXT: The author briefly reviews various types of vacuum gages. Values between 760 and 0.1 mm Hg are measured with various types of mercury gages. Values between 0.1 and 0.001 mm Hg are measured with thermoelectric vacuum gages. Pressures between 10^{-3} and 10^{-7} mm Hg can be measured by the ionization gage. New ionization gages have been developed for measuring pressures between 10^{-8} and 10^{-11} mm Hg and the pumping effect of the ionization gage has been ascertained. On the basis of investigations, new vacuum producing methods have been developed without using a working agent. One of these methods, that of "ionic pumping", is based on the ionization of gas molecules and atoms in the respective space and the direction of these ions by the electric field toward a preliminary vacuum pump. This pump produces a vacuum of 10^{-6} mm Hg and has an evacuation

Card 1/3

At one-millionth of a mm Hg

R/002/61/000/003/003/004
D216/D301

well as the proper volume of the pump. With such equipment, Soviet specialists produced a vacuum of 10^{-8} - 10^{-9} mm Hg with an evacuation speed of 50,000 lit/sec. There are 8 figures.

ASSOCIATION: Institutul de fizica atomica (Institute of Atomic Physics)

Card 3/3

STANCU, V., ing.

Important reserve by increasing the fodder base. Munca sindic 7
no.7:25-27 JI '63.

STERESCU, H.; TAMKO, P.; STANCU-ARDULEANU, Alexandra; SAVAIU, Sanda

The action of reticulin on radiophosphorus (P^{32}) uptake in various organs and endocrine glands in intact animals and animals with subtotal hepatectomy. Stud. cercet. fiziol. 10 no.1:43-47 '65.

BRANKESTEN, I.

Considerations on the profitability of air transportation.

1. Jln (1) VIATA TRANSPORTATIEI (Bucharest, Rumania) Vol. 1, no. 12, Dec. 1957

2. Monthly Index of East European Publications (MIIEP) Vol. 7, No. 6, 1957

GINCOLESCU, I.

Early removal of forms from reinforced-concrete monolithic constructions. p. 639.

Vol. 7, no. 224, June 1955
CONSTRUC. MOL
Bucuresti, Rumania

Source: East European Accession List. Library of Congress
Vol. 5, No. 3, August 1956

STANCULESCU, G.; IONESCU, M.; TESLARU, S.

Influence of the aggregate nature on the creep under compression and on the contraction of granulite light concretes. Studii cerc mec apl 15 no.1:189-215 '64.

1. Institute of Building Research and Construction
Building Economics, Bucharest (for Teslaru).

FRANWINSCH, I.

Solution of the problem of the Mesteacan landslide on the Dej-Hideaga national highway.

P. 14 (Revista Transporturilor. Vol. 3, no. 1, Jan. 1956, Bucuresti, Rumania)

Monthly Index of East European Accessions (FEAI) LC. Vol. 7, no. 2,
February 1958

STANCULESCU, I.

"Vibration, analysis, and design of foundations for machines and turbines" by A. Major. Reviewed by I. Stanculescu. Rev constr si mat constr 15 no.8:439-440 Ag'63.

SIANCULESCU, L; SCHALLY, V.

Consolidation of a building in the Casarica-Sinada Valley area. p.222

REVISTA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII. (Asociatia Stiintifica a Inginerilor si Technicinilor din Rominai si Ministerul Constructiilor si al Materialelor de Constructii) Bucaresti, Rumania. Vol. 11, no. 5, May 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959

Uncl.

STANCOULESCU, M., ing.

Hydroelectric improvement of the Valtellina (Italy). Meteorologia
hidrol gosp 6 no.4:334-339 '61.

STANCULESCU, M., ing.; FILOTTI, A., ing.

Contribution to the establishment of a general method for
determining the economic efficiency of investments for water use.
Meteorologia hidrol gosp 7 no.2:90-101 '62.

STANCULESCU, M., ing.

The Upper Colorado River improvement. Meteorologia hidrol gosp
7 no.2:156-159 '62.

STANCULESCU, M., ing.; FILOTTI, A., ing.

Contributions to the establishment of a general method to determine
the economic efficiency of investments. II. Meteorologia hidrol
gosp 7 no.3:163-170 '62.

STANCULESCU, M., ing.; FILOTTI, A., ing.

Contribution to the determination of a general method for
determining the economic efficiency of investments for water
use. Pt.3. Meteorologia hidrol gosp 7 no.4:243-249 '62.

STANCOULESCU, M., ing.; FILOTTI, A., ing.

Considerations on the repartition use of annual investments and expenses due to the complex hydrotechnical systems. Meteorologia hidrol gosp 8 no.1:7-20 '63.

Stanculescu, P.

Problem of agricultural amelioration in the Danube River delta. p. 303.

HIDROLOGIA. (Academia Republicii Populare Romine. Comisie de Hidrologie, hidrobiologie si Initalogie) Bucuresti, Rumania. Vol. 1, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Encl.

1961, Vol. IX, No. 4, Sep-Oct 1961, pp 327-331.

1961, Vol. IX, No. 4, Sep-Oct 1961, pp 327-331.

1961, Vol. IX, No. 4, Sep-Oct 1961, pp 327-331.

1961, Vol. IX, No. 4, Sep-Oct 1961, pp 327-331.

1961, Vol. IX, No. 4, Sep-Oct 1961, pp 327-331.

1961, Vol. IX, No. 4, Sep-Oct 1961, pp 327-331.

1961, Vol. IX, No. 4, Sep-Oct 1961, pp 327-331.

1961, Vol. IX, No. 4, Sep-Oct 1961, pp 327-331.

1961, Vol. IX, No. 4, Sep-Oct 1961, pp 327-331.

STANULESCU, V.

GALEA - continued

RUMANIA

Chemist

Department of Toxicology of the Institute for Medicine and Pharmacy in Cluj, Cluj Region (Catedra de Toxicologie a Institutului de Medicina si Farmacie din Cluj).

Inchirnet, Farmacie, Revista a Unirii Societatilor de Stiinta Medicale din RPR, No 10, Vol X, Oct 66, pp 625-626.

"Chromatographic Data Concerning Neticulin."

STANULESCU, V., Chemist, Department of Toxicology of the Institute for Medicine and Pharmacy, Cluj.

PRED, N.

GALEA, V.

2 of 2

STANCZ, V.

Current equipment used in the Soviet Union for shaft boring. p. 569.

BANYASZATI, LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary,
Vol. 14, no. 9, Sept. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959,
Uncl.

STANCZ, V.

New world record of shaft sinking. p. 525.

BANYASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary,
Vol. 14, no. 8, Aug. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959,
Uncl.

STANCZ, Viktor, okl. banyamernok

Criticism of some shaft sinking methods and description of some of the processes. Bany lap 94 no.12:811-817 D '61.

1. Banyaszati Aknamelyito Troszt, Budapest.

STANCZ, Viktor, okl. banyamernok

Modern shaft sinking. (To be contd). Bany lap 95 no.4:221-
230 Ap '62.

1. Banyaszati Aknamelyito Troszt, Budapest.

STANCZ, Viktor, okl. banyamernok

Up-to-date shaft sinking. Bany lap 95 no.5:289-296 My '62.

1. Banyaszati Aknamelyito Troszt, Budapest.

STANCZ, Viktor, okleveles banyamernok

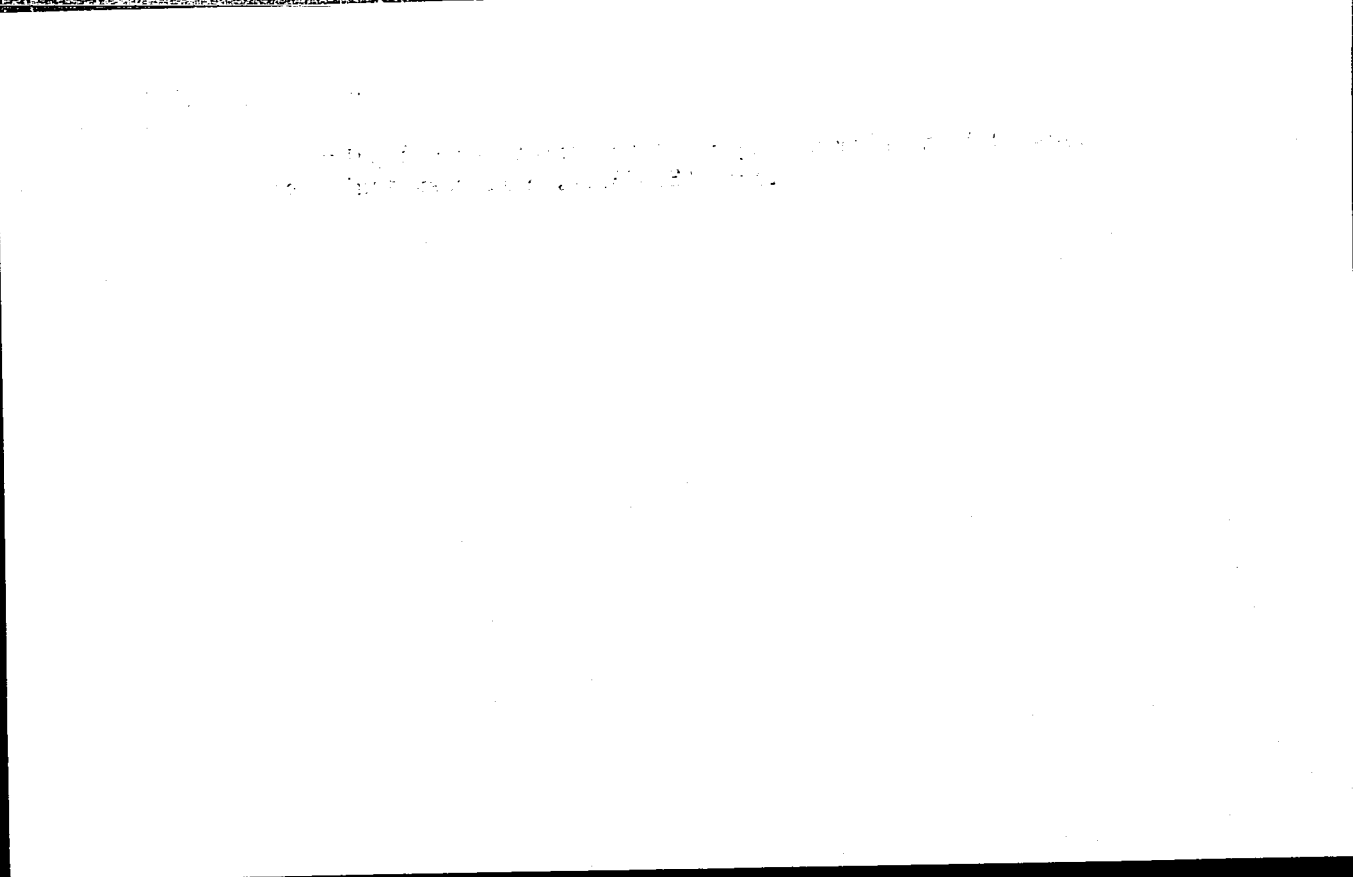
Sinking of the southern winding shaft at Gyongyosvisonta by
freezing. Bany lap 97 no.1:12-21 Ja'64.

1. Banyaszati Aknameluito Troszt, Budapest.

STANCZ, Viktor, okleveles banyamernok

Sinking of the southern hoisting shaft in Gyongosvisonta by
freezing. Bany lap 97 no. 2:79-86 F '64.

1. Banyaszati Aknamelyito Troszt, Budapest.



STANCZAK*BORATYNSKA, W.

STANCZAK-BORATYNSKA, W. Anatomic investigation of mycorrhiza of the exotic plants in the
Pozan Palmery. p. 1.

Vol. 9, no. 1/9, 1954 (published 1956)
ANNALES. SECTIO C: BIOLOGIA.
SCIENCE
Lublin, Poland

So: East European Accession, vol. 6, no. 2, Feb. 1957

STANČZUK, T.

5

Polarographic investigation of solutions of the orthophosphoric acid. Wiktor Kemula and Teresa Stanćzuk (Univ. Warsaw). *Roczniki Chem.* 28, 158 (1954) (English summary).—Investigation of solns. of pure H_3PO_4 and of its buffers with $LiOH$ showed the existence of 2 polarographic reduction waves. The addn. of a neutral electrolyte lowered wave I and increased wave II. Wave I was attributed to the reduction of H^+ , and wave II to that of $H_2PO_4^-$.
M. Falk

Country	: Poland	F
Category	:	
Abs. Jour	:	45685
Author	: Gajzler, R., Pickarska, Z., and Stanczuk-Rozycka, T.	
Institut.	: Not given	
Title	: Use of an Absorption Meter and of a Polarograph for the Automatic Recording of the Results Obtained from Electrophoresis on Paper	
Orig Pub.	: Chem Analit, 3, No 2, 159-161 (1958)	
Abstract	: The authors have used a combination of a Hilger absorption meter and a Radiometer Co. polarograph for the automatic recording of the results obtained during electrophoresis in the course of clinical analyses on blood serum. The photometric deter- mination is made with the absorption meter; the current generated in the photocell passes through the galvanometer and thence directly to the elec- trodes of the polarograph. The curves are re- corded at the maximum sensitivity of the apparatus.	

Card: 1/2

STANCZEK-KOZYCKA, T.; WIECZEFINSKI, K.

Preparation of arsenious phosphate AsPO_4 . p. 493

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 2, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.
Uncl.

STANCZUK-ROZYCKA, Teresa; SZYMONOWICZ, Norbert

Remarks on the technique of the Brdicka reaction. Chem anal 6 no.5:
879-881 '61.

1. Department of Inorganic Chemistry, Politechnical College, Warsaw.

STANCIUK-ROZYCKA, TERESA
SURNAME, Given Names

Country: Poland

Academic Degrees:

Affiliation: Clinical Laboratory (Pracownia Kliniczna), Second Central Clinical Hospital (2 Centralny Szpital Kliniczny), Military School of Medicine (WAM--Wojskowa Akademia Medyczna), Warsaw.

Source: Warsaw, Lekarz Wojskowy, Vol 36, No 5, 1961, pp. 433-438.

Data: "On Model Conditions for the Brdicki Reaction."

Authors:

STANCZUK-ROZYCKA, Teresa, Magister

SYMONCZYK, Norbert, Lekarz / Military rank: Major 7

200
GPO 981643

STANCZYK, H.

"Eksplotacja palenisk pyłowych" (Exploitation of dust grates), by H. Stańczyk. Reported in New Books (Nowe Książki), No. 14, July 15, 1955

1955, 4.

Wireless contact accidents in electric-power plants and electric systems. p. 107.
(ELEKTROTEKHA. Vol. 10, no. 2, Jan/Apr. 1955, Warszawa, Poland)

22: Containing list of 247 German expressions (B-1) 10. Vol. 6, no. 11, Dec. 1947,
Bel.

STANCZYK, Hugon, mgr inz.

The problem of protecting the atmosphere from pollution by industrial plants. (To be contd.) Energetyka Pol 14 no.4:105-108 Ap '60.

(EEAI 9:10)

(Air)

STANCZYK, Hugon, mgr inz.

Characteristics and developmental conditions of industrial power
plants. Pt.1. (To be contd.). Energetyka Pol 15 no.2:45-49 F '61.
(EEAI 10:5)

(Power plants)

WOJEWSKI, Alfons; STANCZYK, Jerzy

On the problem of epithelial metaplasia and cancerous foci of the prostate. Roczn. pom. akad. med. Swierczewski. 8:115-126 '62.

1. Z Zakladu Anatomii Patologicznej Pomorskiej Akademii Medycznej
Kierownik: prof. dr K. Stojalowski i z Kliniki Urologicznej Pomorskiej
Akademii Medycznej Kierownik: doc. dr A. Wojewski.
(PROSTATIC NEOPLASMS) (PROSTATIC HYPERTROPHY)

STANCZEK, (cont)

Contribution to aortic arteriosclerosis pathology. Paciat. Pol.
39 no.6:719-720 Je 1964.

1. 2 Zakład Anatomii Patologicznej Pomorskiej Akademii Medycznej
w Szczecinie (Kierownik: prof. dr K. Stojanowski) i z Miejskiego
Szpitala Infekcyjnego w Gdyni Wielkopolskim (Dyrektor: Lek.
med. N. Szykiewicz).

STANCZYK, R.

POL. 

Isolation of the poliomyelitis virus in the epidemic of 1951-52.
F. Przesmycki, K. Jakowska-Kenczewska, R. Stanczyk, R. Sankow,
and S. Taytsch (*Bull. Acad. Polon. Sci.*, 1954, 2: 47-56).--A description
of the isolation technique is given, together with the anatomical
and histopathological changes following infection of monkeys.

B. VINAY

STANCZYK, Regina

PRZESMYCKI, Feliks; SOBROWOLSKA, Halina; FELTYNOWSKI, Antoni; STANCZYK,
Regina; WALKOWSKA, Elzbieta; ZYCH, Zofia; (techniczny wspoludzial)
CIEPINSKA, Swietlana; ZGORZELSKA, Krystyna

Laboratory characteristics of the epidemic of influenza in 1953.
Med. dosw. mikrob. 6 no.3:241-251 1954.

1. Z Oddzialu Wirusologii Panstwowego Zakladu Higieny. Kierownik:
prof. dr.F. Przesmycki.
(INFLUENZA, epidemiology,
Poland, statist. analysis)

BURACZEWSKA, Maria; FRUHAUFOWA, Jadwiga; STANCZYK, Regina

Investigations on the presence of Mycobacterium tuberculosis
in cerebrospinal fluid of tuberculous children. Gruzlica 24
no.2:107-112 Feb 56.

1. Z Kliniki Chorob Zakaznych Wieku Dzieciacego--Kierownik:
prof. dr. med. J. Bogdanowicz. Z Zakladu Mikrobiologii Instytutu
Gruzlicy--Kierownik: doc. dr. M. Buraczewska. Z Zakladu Anatomii
Patologicznej A.M.--Kierownik: prof. dr. med. L. Paszkiewics,
Warszawa, Plocka 26.

(TUBERCULOSIS, in inf. and child.
isolation of M. tuberc. in CSF)
(CEREBROSPINAL FLUID, bacteriol.
M. tuberc. isolation in tuberc. in child)
(MYCOBACTERIUM TUBERCULOSIS
in CSF, isolation in tuberc. in child)

PRZESMYCKI, Feliks; DOBROWOLSKA, Halina; OLAKOWSKI, Tadeusz; STANCZYK,
Regina; NARUSZEWICZ, Danuta

Vaccination in Poland with a live attenuated vaccine against
poliomyelitis. Med.dosw.mikrob. 12 no.1:1-14 '60.

1. Z Zakladu Zirusologii P.Z.H.
(POLIOMYELITIS immunol.)
(VACCINES)

PRZESMYCKI, Feliks; DOBROWOLSKA, Halina; MIJSKI, Bronislaw; STANCZYK, Regina;
WIOK, Halina; ZALESKA, Helena

Evaluation of oral poliomyelitis vaccines prepared from Koprowski's strains CHAT (type 1) and Fox (type 3). I. Evaluation of the inoculation activity according to virological and serological studies. Przegl. epidem. 15 no.3:213-232 '61.

1. Z Zakladu Wirusologii PZH w Warszawie Kierownik: prof. dr
F.Przesmycki.

(POLIOMYELITIS immunol) (VACCINATION)

POLAND

DOBROWOLSKA, Halina; and STANCZYK, Regina, Department of Virology of the National Institute of Hygiene in Warsaw (Zaklad wirusologii PZn) Head (Kierownik) Docent Dr. M. KANTOCH

"Studies on Strains of Poliomyelitis Virus Isolated in Poland During the 1959-1965 Period. Interdependence Between Genetic Markers of Strains and their Antigenic Structure and Neuropathological Properties"

Warsaw, Medycyna Doswiadczalna Mikrobiologia, Vol 18, No 4, 1966; p. 385-395

Abstract [English summary modified]: Testing of 5 strains of type 1 poliomyelitis wild virus, isolated from patients, and of 2 strains of attenuated CHAT virus or d, T markers, antigenic properties and neuropathological properties in monkeys; and also of 5 type 2 strains and 2 control strains from oral attenuated virus P 712 Ch 2 ab Sabin indicated that presence of antigenic markers and neuropathological properties for monkeys was not a reliable correlation. 2 tables, 8 Western references.

25995

P/029/60/000/011/002/002
A076/A126

24,3300

AUTHOR: Stańczyk, Zbigniew, Master of Engineering

TITLE: The new Wild T1A theodolite

PERIODICAL: Przegląd Geodezyjny, no. 11, 1960, 407 - 408

TEXT: The article describes the T1A theodolite produced by Messrs. Wild. A glass vessel partly filled with liquid and called compensator is placed in the path of light rays in the vertical circle of microscope. The compensator is placed in such a way that light rays from the vertical circle pass through the liquid. If the instrument is in a level position, the flat bottom and the surface of the liquid are level and light rays are not bent. If the theodolite is tilted, the liquid surface is level but the flat bottom is tilted in relation to the liquid surface by an angle. Thus the liquid creates a small-angle prism bending light rays by the same angle. The compensator angle may create an optional angle in relation to the vertical. The inclination component in the vertical plane causes a shift in the image of lines of the vertical circle resulting in a change of the reading on the vertical circle. The transversal-component increasing or decreasing lines do not influence the reading. The liquid bending coefficient

Card 1/2

The new Wild T1A theodolite

P/029/60/000/011/002/002
A076/A126

changes due to the surrounding temperature. Thus, if the temperature increases by 1°C the magnitude of liquid bending coefficient $m-1$ decreases by 1%. The biggest advantage of this type of theodolite is the total lack of mechanical errors due to moving parts. There are 4 figures.

Card 2/2

CIESLAK, Jozef; STANCZYK, Zbigniew

Testing the division of precise circles of theodolites by
an electromechanic attachment. Geod i kart 9 no.1:56-64 '60.

STANCZYK, Zbigniew, dr inz.

The Stereomat. Przegl geod 36 no. 4:151-152 Ap '64.

STANCZYKIEWICZ F.

The technology of hydrobromic acids and their use as rocket fuel. p. 165

WIADOMOŚCI NAFTOWE (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników
Przemysłu Naftowego i Związku Zawodowego Górników Naftowców)
Krosno, Poland
Vol. 5, no.7/8, July/August 1959

Monthly list of East European Accession Index (EEAI), LC Vol. 8, No. 11
November 1959
Uncl.

STANCZYKIEWICZ, Feliks

The problem of corrosion and anticorrosion of Polish structural material in the light of the Conference on Anticorrosion of the Polish Academy of Sciences. Wiad naft 6 no.4:83-86 Ap '60. (EEAI 9:7)
(Polish Academy of Sciences)
(Corrosion and anticorrosives)

STANCZYKIEWICZ, Feliks

Chemoresistant ceramic and synthetic materials from the point of
view of their use in the petroleum industry. Wiad naft 6 no.5:
103-105 My '60. (EEAI 9:10)

(Petroleum)

(Ceramics)

(Synthetic products)

STANCZYKIEWICZ, Feliks

The opening of the industrial production of the anticorrosive
inhibitor T terpene. Wiad naft 6 no.7/8:161-163 J1-Ag '60. (EEAI 9:11)
(Terpenes)
(Corrosion and anticorrosives)

STANCZYKIEWICZ, Feliks

New method of extracting mercaptans from gasoline and petroleum
fractions boiled in higher temperatures. Wiad naft 6 no.11:256-
259 N '60. (EEAI 10:2)

(Thiols)

(Gasoline)

(Petroleum)

STANCZYKIEWICZ, F.

The processing of crude oil and the possibilities of the development
of petrochemistry in Rumanian refineries. Wiad naft 7 no.5:101-104
My '61. (EEAI 10:9)

(Petroleum)

STANCZYKIEWICZ, Feliks

Sedimentation in the T type fuel, on filters of jet planes. Wiad
naft 7 no.12:270-273 '61.

STANCZYKIEWICZ, Feliks

Basic types of industrial installations for the diaromatization
of petroleum products by methods of adsorptive separation. Wiad
naft 8 no.6:132-135 Je '62.

STANCZYKIEWICZ, Feliks.

Application of the carbamide separation method in the
eduction of oxygen compounds of straight-chain structure.
Wiad naft 8 no.10:228-232 0 '62.

STANCZYKIEWICZ, F.

Extracting aromatic hydrocarbons by using aqueous solution
of pyridine. Wlad naft 9 no.11:246-250 N°63.

Stanczykowska, R.
BIRLICKA, I.; STANCZYKOWA, R.

Fibrosis of the pancreas and bronchiectasis in premature infants.
(CIML 19:3)
Pediat.polska 24 no.1-2:82-89 Ja-F '50.

1. Of the First Clinic of Children's Diseases at Warsaw University
(Director -- Prof. M.Michalowicz, M.D.) and of the Institute of
Pathological Anatomy of Warsaw University (Director -- Prof. L.Paszkiewicz, M.D.).

STANCZYKOWSKA, A.

The distribution and quantitative dynamics of Viviparus fasciatus Mill. In the Konfederatka, formerly a part of the Vistula River. p. 55.

EKOLOGIA POLSKA. SERIA B. (Polska Akademia Nauk. Komitet Ekologiczny)
Warszawa, Poland. Vol. 5, no. 1, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

104 400

Expenditures 1. Incidence of Biology (asked Biology).
 2. 1st 1st of Biology. 7.

Analysis of the Age of Indoleacetic Polycarboxylic Acid, in the Urinary Excretion

Warren, Journal de l'Académie Scientifique des Talents
Paris, Les Sciences Biologiques, Vol. 11, No. 1,
1912, P. 20-21.

Abstract: English and/or French Report on the analysis of the age of *Trichostema polyzona* Fall. in the Lacurus lakes. The analysis was based on the number of wings and length of the shell of the mollusk. Collecting procedures and results are discussed. A diagram, 1 table, 16 references, 8 of the Lacurus, the remainder others.

12/2

STANCZYKOWSKA, A.

The appearance of *Viviparus fasciatus* Mull. aggregations as the cause of migration of other mollusk species. *Bul Ac Pol biol* 11 no.3:129-132 '63.

1. Institute of Ecology, Polish Academy of Sciences, Warsaw.
Presented by E.Petrusewicz.

Standa, J.

FOLAND/Chemical Technology. Chemical Products. Control Instruments. H-3
Automatic Control.

Abs Jour : Ref Zhur - Khiriya, 1958, No 22, 74286

Author : Standa J., Tolseyro M.

Inst : Not Given

Title : Calibration of Rotometers

Orig Pub : Formery, automat., kontrole, 1957, 3, No 11, 425-429

Abstract : Theory and basic equations involved in the calibration of rotometers (R) are presented. It is shown that the accuracy of measurements with R is attainable only when instruments are calibrated specifically for the conditions at which they actually operate. Changes in operating conditions (temperature, pressure, viscosity, and Re values) cause changes in α . The relation of $\alpha = f(R_0)$ for R's having different types of floats is presented in a number of graphs and in the nomogram. Description and schematic diagrams of the basic calibration systems of R, operating on gaseous mixtures are also presented. They include the use of measuring gasholders,

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652820009-8"

Card : 2/2

STANDA, J.; TEISSEYRE, M.

Measurement of the flow intensity of gas with a flow rheometer. p. 85.

POMIARY, AUTOMATYKA, KONTROLA. (Naczelna Organizacja Techniczna)
Warszawa, Poland. Vol. 5, no. 3, Mar. 1959.

Monthly list of East European Accession (EEAL) IC, Vol. 8, no. 7, July 1959

Uncl.

.STANDA, Jerzy, dr inz.

Measurement of the acceleration of fluid flow on the
basis of the American rules of the "ASME Power Test Codes."
Pomiary 8 no.9:417-421 S '62.

1. Katedra Pomiarow Maszynowych, Politechnika, Wroclaw.

STANDA, Jerzy, dr. inz., adiunkt

Possibilities of using orifice type reducing pipes in flow
measurements through rectangular-cross-section pipelines.
Mechanika Wroclaw no.9:59-91 '63.

1. Department of Machine Measurements of the Technical University,
Wroclaw.

51 42 1114 11

CHLORINE, C.

Hydrolysis of chlorine. Studying steady-state heat exchanger. p. 637 (Collection of
Czechoslovak Chemical Communication, Praha. Vol. 19, no. 4, Aug. 1954
CC: Ministry of Chemical Industry, (LEAL), IS, Vol. 4, No. 4,
June 1955, Vol.

STANDART, GEORGE

3

CZECH

✓ Effect of association on liquid-vapor equilibria. I.
Equilibrium relations for systems involving an associating
component. Jan Marek and George Standart. Collection
Czechoslov. Chem. Commun. 19, 1074-84 (1964) (in English)
—See C.A. 49, 687b. E. J. C.

HA 228

STANDART, GEORGE

4

Hydraulic analog for studying steady-state heat ex-
changers. George Standart (Vysoká škola chem. Prague,
Czech.). *Chem. Listy* 48, 633-47(1954).—The hydraulic
analog of Juhasz and Hooper (C.A. 47, 9067a), which is
valid only for parallel flow, is extended to cover the counter
flow and multipass types of heat exchangers. This extension
is achieved by the use of floating tubes in addn. to stationary
tubes, which were employed by J. and H. Here also the
effects of variations of specific heats and overall coeffs. of
heat transfer, of heat loss to the surroundings, and of phase
change are handled without difficulty. In addn., cases in-
volving more than 2 fluid streams and combinations of heat
exchangers can be analyzed. E. Erdős

5

12/16/54

Standart, George

Effect of association on liquid-vapor equilibria. I.
Equilibrium relations for systems involving an associating
component. Jan Marek and George Standart (Vysoká
škola chem., Prague, Czech.). Chem. Listy 48: 1114-22
(1954).—The thermodynamically consistent equil. relations
for multicomponent systems are derived; the assocn. fac-
tors involved in these relations are generally functions of the
temp., pressure, and compn. The relations can be used for
correlating the data of systems contg. an associating com-
ponent the assocn. const. of which in the pure gaseous phase
is known. H. Erdeš.

STANDART, GEORGE

X

CZECH

The theory of adiabatic batch driers. George Standart
(Vysoká škola chem., Prague). *Chem. Listy* 48:111-112
(1954).—From the known theory of adiabatic drying of
porous or cryst. solids, equations are derived for adiabatic
batch driers with recycling of air. The solution of these
equations is given for the most important cases. The re-
sults can be applied to the detn. of the drying characteris-
tics of the given material in a lab. drier as well as to the
design of com. driers. E. Erdős

STANDART, G.

Theory of adiabatic batch driers. In English. p. 82

Vol. 20, no. 1, Feb. 1955
SBORNIK CHEKHOSLOVATSKIKH KHIMICHESKIKH RABOT
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

STANDART, G. I.

Design equations for continuous stirred-tank reactors.
Geo. L. Standart (Inst. Chem. Tech., Prague, Czech.).
Ind. Eng. Chem. 48, 1228-30 (1956). The entire class of
reactor problems, comprising 4 cases, is treated rather than
only 1 discussed by Acton and Lapidus (C.A. 49, 9372b).
The no. of parameters is decreased from 3 to 2 by an appropriate substitution.
Robert J. Roth

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STANDART, G.

"E. Hala and others' Rovnovaha kapalinapare (Vapor-Liquid Equilibrium);
a book review. In English."

p. 1076 (Collection of Czechoslovak Chemical Communications. Sbornik
Chekhoslovatskikh Khimicheskikh Rabot.) Vol. 22, no. 3, June 1957.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

STANDART GEORGE

4-10-60
A device for the measurement of the
current heat of the body of a
solid body of arbitrary shape and
size is described. The device is
given for the purpose of the dimensions of the
of a hydraulic analog of a countercurrent heat exchanger.
The construction and properties of a capillary with adjust-
able length and its calibration are described. Two illustra-
tions for constant and variable heat-transfer coefficients are given.
R. Erdős

MT

STANDART, GEORGE

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Processes and Apparatus of Chemical Technology. H

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64669

Author : Standart George
Inst : -
Title : Theory of Analogy

Orig Pub: Chem. listy, 1957, 51, No 11, 1971-1985

Abstract: A detailed analysis of the methods of transformation of differential equations was developed (theory of dimensions and the theory of similarity). A new method is proposed (the method of analogy) which permits the interchange of differ-

Card 1/2

1

CZECHOSLOVAKIA / Chemical Technology. Chemical Prod- H-2
ucts and Their Application. Chemical
Engineering.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1510.

Author : Stepanek, J., Standart, G.

Inst : Not given.

Title : Heat Transfer in the Condensation of the Vapor
Mixture of Immiscible Liquids.

Orig Pub: Chem listy, 1957, 51, No 12, 2163-2178; Collect.
czechosl. Chem. commun., 1958, 23, No 6, 995-1012.

Abstract: The condensation of a mixture of water vapor with
vapors of benzene, toluene, chloroform and dich-
loroethane, with the formation of a two-phase
condensate in a horizontal laboratory condenser
one meter high has been investigated. The given
equation is:

Card 1/3

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Chemical Engineering. H-2

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1510.

Abstract: $\Delta = 0.725 (R \frac{\lambda_2^3}{\lambda_1^2})^{\frac{1}{4}} (\Delta t \Delta t)^{-\frac{1}{4}} K_1 (1 + K_2 \Delta t)$,

where the correction coefficients are

$$K_1 = \{1 - 4.38 \cdot \sqrt{(1-a)a}^{0.033} (\lambda_2/\lambda_1)^{0.62} \times$$

$$(\lambda_2/\lambda_1)^{3.2} \frac{1}{4} \text{ and}$$

$$K_2 = 0.0584 \sqrt{a(1-a)} \cdot (\lambda_2/\lambda_1)^{0.5} (\lambda_1/\lambda_2)^{\frac{1}{4}}$$

$(\lambda_2/\lambda_1)^{1.6}$, where R is the heat of condensation to the mixture (per unit weight of organic liquid) in kilocalories/kilogram; λ_1 is the heat conductivity of water in kilocalories per meter degree; λ_2 is the heat conductivity of an organic

Card 2/3

Country : Czechoslovakia B.
 Category : Physical Chemistry--Thermodynamics. Thermochemis-
 try. Equilibria. Physicochemical analysis. Phase*
 Abs. Jour : Referat Zhur--Khim., No 15, 1959, 45022
 Author : Standart, G. and Cihla, Z.
 Institut. : Not given
 Title : Interphase Transport Processes. I. Schrage's
 Theories (Standart and Cihla). II. General Dis-
 continuous Model of a Pure Gas (Cihla). III.**
 Orig. Pub. : Collection Czechoslov Chem Commun, 23, no 9, 1608-
 1613, 1619-1622, 1628-1637 (1958)
 Abstract : See PZhKhim., No 7, 1959, 22450.

*transitions.

**Continuous Model of a Mixture of Ideal Gases
 (Standart and Cihla).

Card: 1/1

CZECHOSLOVAKIA/Chemical Technology. Chemical
Products and Their Applications.
Chemical Engineering.

H-2

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23594

Author : Standart, G.

Inst : -

Title : Pipe Layouts Based on the Relay Contour
Theory.

Orig Pub : Chem. listy, 1958, 52, No 5, 773-786

Abstract : It is stated that in the layout of new pi-
ping systems which have closing devices and
also for the control of operation of the
existing piping systems, the analogy of the
relay technique may be utilized. On the ba-
sis of this analogy a design method for pi-

Card : 1/2

H-1

STANDART 6.

Interphase transport processes. I. Schrage's theories. George Standart and Zdeněk Cihla (Vysoká škola chem.-technol., Prague). *Chem. listy* 52, 787-90(1958).—A discussion of the simple and of the modified Schrage's theories (cf. C.A. 47, 9068a), in which the transport properties of a one-component heterogeneous gas-liquid (solid) system are studied on the basis of the kinetic theory of the ideal gas. II. General discontinuous model of a pure gas. Zdeněk Cihla. *Ibid.* 797-805.—A one-component gas-liquid (solid) system is studied on the basis of generalized assumptions concerning the distribution function of the gas at the phase interface. The results are specialized for the case of a continuous model of the pure gas. Both of Schrage's theories appear as special cases from the generalized model. III. Continuous model of a mixture of ideal gases. George Standart and Zdeněk Cihla. *Ibid.* 806-14.—A multicomponent heterogeneous gas-liquid (solid) system is considered by using the methods of the kinetic theory of gases. The assumed distribution function on the phase interface is taken with a precision up to the 1st perturbation function. Therefrom the expressions for the mass flows and for the flows of momentum and of energy through the phase interface are derived. Schrage's theory of multicomponent systems is mentioned too. IV. Application of the thermodynamics of irreversible processes. George Standart. *Ibid.* 815-29.—The methods of thermodynamics of irreversible processes are applied to the interphase transport phenomena with discontinuities across the phase boundary; the rate equations are derived for the mass flows of individual components and for the flow of momentum and of energy of the mixt., expressed by these discontinuities. These equations are then specialized: they lead to all hitherto known relations (the tangential slip and the temp. jump) and permit comparison with the Schrage theories. Furthermore they lead to new results for the diffusion, etc.

E. Erdős

CZECHOSLOVAKIA/Chemical Technology. Chemical
Products and Their Applications.
Chemical Engineering.

H-2

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23618

Author : Prochazka, J., Landau, J., Standart, G.

Inst : -

Title : Utilization of the Hydraulics Analogy in the
Study of Heat Exchangers. III. Universal Ana-
logue.

Orig Pub : Chem. listy, 1958, 52, No 5, 830-838

Abstract : Described is the construction of a hydraulic
analogue, that permits study of heat exchan-
gers having parallel and counter-flows, multi-
pass heat exchangers of various types, heat
exchangers that handle 3 or more different
heat exchange media simultaneously, and also

Card : 1/2

H-3

CZECHOSLOVAKIA/Chemical Technology. Chemical
Products and Their Applications.
Chemical Engineering.

H-2

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23642

Author : Vanecek, V., Standart, G.

Inst : -

Title : Rectifying Action of Dephlegmators.

Orig Pub : Chem. listy, 1958, 52, No 5, 859-863

Abstract : Investigations were conducted on a vapor mixture of two liquids miscible in all proportions (methanol-water, ethanol-water, acetone-water) in a countercurrent dephlegmator consisting of a vertical tube. Experiments were carried out at varying vapor velocities and also varying

Card : 1/2

H - 5

SECRET

hE3b
Distr: hE3c 2 cys/hE2b(v)

✓ Hydraulic analog for studying steady-state heat ex-
changers. N.J. Procházka, J. Landau, and G. Standart
(Inst. Chem. Tech., Prague). Brit. Chem. Eng. 5, 242-7
(1960).—Hydraulic analogs are described for counter- and
mixed-flow steady-state heat exchangers, illustrated by 2
examples, 1 being a 3-stream low-temp. unit. M. P. Root

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5
1-RS
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STANDART, George

Theory of chemical production processes and the modeling of chemical equipment. Chem prum 12 no.2:57-59 F '62.

1. Ustav teoretickych zakladu chemicke techniky, Ceskoslovenska akademie ved, Praha.

STANDART, G.

"Systems engineering for the process industries" by T.J. Williams.
Reviewed by G. Standart. Coll Cz Chem 28 no.4:1089-1090 Ap '63.

STANDART, G.

"Advances in chemical engineering" by T.B. Drew, J.W. Hoopes Jr.,
T. Vermeulen. Vol.3. Reviewed by G. Standart. Chem listy 57
no.6:650-651 Je '63.

CZECHOSLOVAKIA

STANDART, G; RYLEK, M

1. Department of Chemical Engineering, Institute of
Chemical Technology, Prague (for Standart); 2. Insti-
tute of Chemical Process Fundamentals, Czechoslovak
Academy of Sciences, Prague-Suchbát - (for Rylek)

Prague, Collection of Czechoslovak Chemical Communications,
No 5, May 1966, pp 2159-2166

"Studies on distillation. Part 7: Rate of dissipation
of energy in the foam layer on a plate."

CZECHOSLOVAKIA

STEINER, L; STANDART, O

Institute of Chemical Process Fundamentals, Czechoslovak Academy of Sciences, Prague-Suchbát - (for both; Standart now wholly at Department of Chemical Engineering, Institute of Chemical Technology, Prague)

Prague, Collection of Czechoslovak Chemical Communications, No 1, January 1967, 101-116

"Studies on distillation. Part 16: Pressure drops across plates without downcomers."

STANDE, Tadeusz

Railroads with airplane speed. Przegl techn 81 nr.16-17 '60.

STANDEISCHI, B.

STANDEISCHI, B. Application of advanced methods with tubular crushers. p. 3.

Vol. 7 no. 289, July 1955
CONSTRUCTORUL
Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

STANDEISCHI, B.

Installations for the treatment of water with scale removers. p. 2

CONSTRUCTORUL, Bucuresti, Vol 8, No. 320, Mar., 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956